



PTO/SB/08A (08-03)

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Substitute Form 1449-5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 6

<i>Complete If Known</i>	
Application Number	10/660,056
Filing Date	09/11/2003
First Named Inventor	Fissell et al.
Art Unit	1724
Examiner Name	F. Lawrence
Attorney Docket Number	UM-08332

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ZL	1	US- 6,044,981	04/04/2000	Chu et al.	Whole document
	2	US- 5,549,674	08/27/1996	Humes et al.	Whole document
	3	US- 5,686,289	11/11/1997	Humes et al.	Whole document
	4	US- 6,060,270	05/09/2000	Humes	Whole document
	5	US- 6,150,164	11/21/2000	Humes	Whole document
	6	US- 6,410,320	06/25/2002	Humes	Whole document
	7	US- 6,405,066	06/11/2002	Essenpreis et al.	Whole document
	8	US- 6,017,390	01/25/2000	Charych et al.	Whole document
	9	US- 5,776,748	07/07/1998	Singhvi et al.	Whole document
	10	US- 5,843,741	12/01/1998	Wong et al.	Whole document
	11	US- 5,976,826	11/02/1999	Singhvi et al.	Whole document
	12	US- 6,569,654	05/27/2003	Shastri et al.	Whole document
	13	US- 5,770,193	06/23/1998	Vacanti et al.	Whole document
	14	US- 5,759,830	06/02/1998	Vacanti et al.	Whole document
	15	US- 5,736,372	04/17/1998	Vacanti et al.	Whole document
	16	US- 5,770,417	06/23/1998	Vacanti et al.	Whole document
	17	US- 6,107,102	08/22/2000	Ferrari	Whole document
	18	US- 6,015,599	01/18/2000	Keller et al.	Whole document
ZL	19	US- 5,985,328	11/16/1999	Chu et al.	Whole document

FOREIGN PATENT DOCUMENTS

Examiner Signature	Frank Lawrence	Date Considered	7-14-05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6

Complete if Known

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First Named Inventor	Fissell et al.
Art Unit	1724
Examiner Name	F. Lawrence
Attorney Docket Number	LJM-08332

Attorney Docket Number: JLM-08332

U. S. PATENT DOCUMENTS

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		Filing Date	09/11/03		
		First Named Inventor	Fissell et al.		
		Art Unit	1724		
		Examiner Name	F. Lawrence		
Sheet	3	of	6	Attorney Docket Number	UM-08332

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>FL</i>	32	Park, B et al. (2002) Med Device Technol 13(2): 32-34		
<i>FL</i>	33	Voldman, J et al. (1999) Annu Rev Biomed Eng 1: 401-425		
<i>FL</i>	34	Wagner, B (1995) Endosc Surg Allied Technol 3(4): 204-209;		
<i>FL</i>	35	Petersen, KE (1982) Proceedings of the IEEE 70:420-457		
<i>FL</i>	36	Mrksich et al. (1996) PNAS 93:10775-10778		
<i>FL</i>	37	Whitesides et al. z91997) Exp Cell Research: 305-313		
<i>FL</i>	38	Mrksich, Chem. Soc. Rev., 29:267 (2000)		
<i>FL</i>	39	Desai, Med. Eng. Phys. 22:595, 2000		
<i>FL</i>	40	Deutsch et al., J. Biomed. Mater. Res., 53:267, 2000		
<i>FL</i>	41	Kapur et al., J. Biomed. Mater. Res., 33:205, 1996		

Examiner Signature	<i>full name</i>	Date Considered	7-17-05
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Sheet

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of

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Filing Date

09/11/03

First Named Inventor

Fissell et al.

Art Unit

1724

Examiner Name

F. Lawrence

Attorney Docket Number

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<i>FL</i>	42	Brunette and Chehroudi, 121:49, 1999	
<i>FL</i>	43	Brunette, Exp. Cell Res., 167:203, 1986	
<i>FL</i>	44	Brunette, Exp. Cell Res. 164:11, 1986	
<i>FL</i>	45	den Braber et al., J. Biomed. Mater. Res., 29:511, 1995	
<i>FL</i>	46	den Braber et al., Biomaterials, 17:2037, 1996	
<i>FL</i>	47	Curtis and Wilkinson, Biomaterials 18:1573, 1998	
<i>FL</i>	48	Craighead et al., Biomed. Microdevices, 1:49, 1998	
<i>FL</i>	49	Mata et al., Biomed. Microdevices 4:267, 2002	
<i>FL</i>	50	Mata et al., J. Biomed. Mater. Res., 62:499, 2002	
<i>FL</i>	51	Sims in Can. J. Cardiol. 7(10):431-443 (1991)	

Examiner Signature	<i>F. Lawrence</i>	Date Considered	7-17-05
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Application Number

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First Named Inventor

Fissell et al.

Art Unit

1724

Examiner Name

F. Lawrence

Attorney Docket Number

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<i>FL</i>	52	Shepro et al in FASEB J. 7:1031-1038 (1993)	
<i>FL</i>	53	Davies in Kidney International, 45:320-327 (1994)	
<i>FL</i>	54	Scott et al., J. Cell Sci. 105:269-273, 1993	
<i>FL</i>	55	Schneider et al., Surgery 103:456-462, 1988	
<i>FL</i>	56	Kadletz et al., J. Thoracic and Cardiovascular Surgery 104:736-742, 1992	
<i>FL</i>	57	Shepard et al., Surgery 99: 318-3.about.6, 1986	
<i>FL</i>	58	Demetriou et al., Science 23:1190-1192, 1986	
<i>FL</i>	59	Fissell et al., J. Amer. Soc. Nephrology, vol. 13, pp. 602A, 2002	
<i>FL</i>	60	Humes et al., Amer. J. Physiology, 271:F42, 1996	
<i>FL</i>	61	Desai et al Adv. Drug Delivery Rev. 56:1661-1673, 2004	

Examiner Signature	<i>FL</i>	Date Considered	7-17-05
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				Art Unit	1724
				Examiner Name	F. Lawrence
Sheet	6	of	6	Attorney Docket Number	
UM-08332					

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Examiner Signature	John Swanson	Date Considered	7-17-05
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